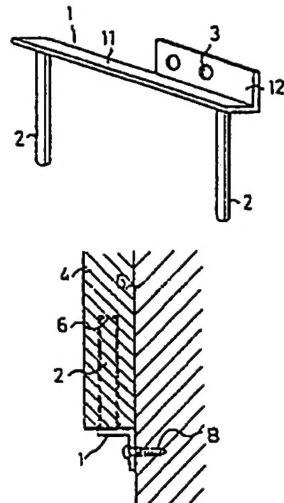


## MOUNTING BRACKET FOR DECORATIVE PLATE

(12) 4-149352 (A) (43) 22.5.1992 (19) JP  
 (21) Appl. No. 2-276102 (22) 15.10.1990  
 (71) ASAHI CHEM IND CO LTD (72) TOSHIYUKI MIMURA(1)  
 (51) Int. Cl. E04F13/08

**PURPOSE:** To obtain a mounting bracket of high strength by providing a plurality of bar-shaped members to the lower portion of a plate-shaped portion, and using the bar-shaped members as members for insertion into holes bored through a decorative plate, and providing another plate-shaped member extending in its vertical direction opposite to the former plate-shaped member and adapted for fixing to a wall surface.

**CONSTITUTION:** A mounting bracket 1 comprises more than two bar-shaped bodies 2, a plate-shaped portion 11 and a plate-shaped portion 12 for attaching to a wall surface. The interval among the bar-shaped bodies 2 is more than 30mm and the bar-shaped bodies 2 are inserted into respective insertion holes 6 each of which is bored in advance through an appropriate portion of the small end of a decorative plate 4. The plate-shaped portion 12 for attaching is extended in its vertical direction opposite to the plate-shaped portion 11 and a hole 3 for anchoring the plate-shaped portion 12 to the wall surface is bored through the plate-shaped portion 12. It is therefore possible to insert the bar-shaped bodies 2 into the upper and lower small end faces of the decorative plate, thereby making it unnecessary to adjust the portion of the decorative plate when inserting the bar-shaped bodies 2 into the respective insertion holes 6.

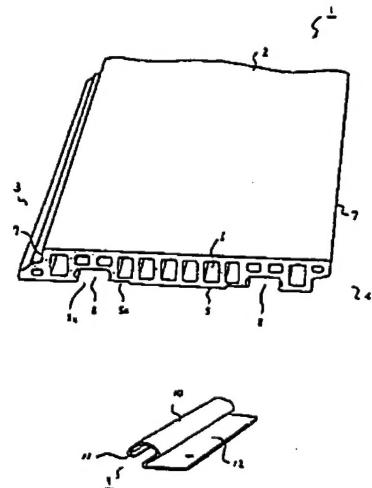


## (54) STRUCTURE FOR INSTALLING CERAMICS CONSTRUCTION MEMBER

(11) 4-149353 (A) (43) 22.5.1992 (19) JP  
 (21) Appl. No. 2-273795 (22) 11.10.1990  
 (71) IG TECH RES INC (72) MASAHIKO ABE(1)  
 (51) Int. Cl. E04F13/08, E04F13/14

**PURPOSE:** To enhance the mounting and construction properties of a ceramics construction member of honeycomb structure by providing a plurality of engagement-tool fit-in channel on the reverse side of the ceramics construction member, and fixing to a base engagement tools for engagement in the respective channels, and making it possible to fit the engagement tools into the respective channels simply by means of pressing.

**CONSTITUTION:** A ceramics construction member 1 which has a honeycomb structure when seen from its cross section comprises a decorative surface 2, a male connecting portion 3, a female connecting portion 4, and at least more than two of plural engagement tool fit-in channels 8 provided in the reverse face 5 thereof. The engagement tool fit-in channels 8 are each so formed as to have an opening 8a whose cross section is hexagonal. Engagement tools 9 are each formed into a Z-shaped locking portion 10 and a fixing portion 12 with the cantilever of the locking portion 10 formed into a free-end structure. The engagement tools 9 are each fixed to a base material and the ceramics construction member 1 is pressed against the engagement tools 9 so that the engagement tools 9 are fitted into the respective fit-in channels 8. The work of installing the ceramics construction member 1 can thus be facilitated.



## (54) STRUCTURE FOR INSTALLING CERAMIC CONSTRUCTION MEMBER

(11) 4-149354 (A) (43) 22.5.1992 (19) JP  
 (21) Appl. No. 2-275068 (22) 12.10.1990  
 (71) IG TECH RES INC (72) SEIICHI TOMITA(1)  
 (51) Int. Cl. E04F13/08, E04F13/14

**PURPOSE:** To enhance the mounting and construction properties of a ceramics construction member of honeycomb structure by providing a plurality of engagement tool fit-in channels on the reverse side of the ceramics construction member, and using an elastic plate body to form as a circular locking body each of engagement tools for engagement in the respective fit-in channels, and enabling the engagement tools to be fitted into the respective channels simply by means of pressing.

**CONSTITUTION:** A ceramic construction member 1 which has a honeycomb structure when seen from its cross section comprises a decorative surface 2, a male connecting portion 3, a female connecting portion 4 and at least more than two of plural engagement tool fit-in channels 8 provided in the reverse face 5 thereof. The engagement tool fit-in channels 8 are each so formed as to have an opening 8a whose cross section is hexagonal. Engagement tools 9 are each made of such a material as a surface-processed steel plate and the like, comprising a circular locking body 10 having each end formed into cantilever structure, and a fixing body 11 supporting the locking body 10 at its top face. The engagement tools 9 are fixed to a base material and the ceramic construction member 1 is pressed against the engagement tools 9 so that the engagement tools 9 are fitted into the respective engagement tool fit-in channels 8. The work of installing the construction member 1 can thus be facilitated.

